In the Claims:

Please substitute the attached new set of claims for the claims on file. Please note that claims 1, 2, 5, 6, 7 and 10 have been deleted and that new claims 13 and 14 have been added.

AMENDED CLAIMS

1. (Deleted)

2. (Deleted)

3. (Amended) A hybrid method of combining a bidirectional GPS system having a GPS receiver, signal hybrid processor, data storage memory (ROM), function manager and display device with a cellular/PCS network having a cellular Receiver, baseband processor, RF+IF device and external I/O interface wherein ~~where~~ the coordinates of a caller user can be converted to ASCII and/or graphic image in the ~~a~~ database on the ~~a~~ network, of the cellular/PCS comprising:

displaying caller's postal address inclusive of ~~(~~street number~~, etc.)~~ ~~of real location with said~~and caller's user ID to the receiving user;

connecting said cellular Receiver device to said RF+IF device;

connecting said RF+IF device to baseband processor; and

connecting said baseband processor to ~~the~~ said display device and ~~the~~ to said signal hybrid processor;

connecting said signal hybrid processor to said ROM device and to said function manager; and

connecting said function manager to said External I/O interface.

4. (Amended) A hybrid method as defined in claim 3, in which the data storage memory is used to verify ~~A perfect ID card and payment method verifying~~ time and location data (coordinates, time, and ID) on the network of the cellular/PCS whereby the cellular phone may be used as a~~using~~ the method mentioned in ~~Claim 1 to~~ substitute ~~the~~ for a conventional ~~imperfect~~ ID ~~card system~~ and/or credit card ~~system.~~ .

5. (Deleted)

6. (Deleted)

7. (Deleted)

8. (Amended) A hybrid system for combining a bidirectional GPS system having a GPS receiver, signal hybrid processor, data storage memory (ROM), function manager and display device with a cellular/PCS network having a cellular receiver, baseband processor, RF+IF device and external I/O interface wherein ~~where~~ the coordinates of the caller user can be converted to ASCII and/or graphic image in the ~~a~~ database on the ~~a~~ network, comprising:

a display device for displaying caller's postal address including ~~(~~street number~~, etc.) of real location with said~~and caller's user ID to the receiving user;

a first connecting means for connecting ~~the~~ said Receiver device to the RF+IF device;

a second connecting means for connecting said RF+IF device to said baseband processor; ~~and~~

a third connecting means for connecting said baseband processor to ~~the~~ said display device and ~~the~~ to said signal hybrid processor;

a fourth connecting means for connecting said signal hybrid processor to said ROM device and to said function manager; and

a fifth connecting means for connecting said function manager to the External I/O interface.

9. (Amended) A hybrid system as defined in claim 8, wherein said data storage memory is used for ID verification of the cellular user and~~payment A perfect ID card and payment system verifying~~ verify time and location data (coordinates, time, and ID) on the network ~~using the~~

~~system mentioned in Claim 8 6 to~~ as a substitute ~~the~~ for a conventional ~~imperfect~~ ID card ~~system~~ and/or credit card ~~system~~.

10. (Deleted)

11. (Amended) A hybrid method as defined in claim 3 that performs said I/O interface ~~intellectual~~ for multipurpose functions ~~function~~ by implementing a variety of data gained ~~by the method mentioned in claim 3 1 to~~ from the database on the network.

12. (Amended) A hybrid system as defined in claim 8 that performs said I/O interface ~~intellectual~~ for multipurpose functions ~~function~~ by implementing a variety of data gained ~~by~~ from the system ~~method mentioned in claim 8 6 to~~ the database on the network.

13. (New) A hybrid method of combining a bidirectional GPS system having a GPS receiver, signal hybrid processor, data storage memory (ROM), function manager and display device with a cellular/PCS network having a cellular Receiver, baseband processor, RF+IF device and external I/O interface wherein the coordinates of a caller user can be converted to ASCII and/or graphic image in the database on the network, of the cellular/PCS comprising:

displaying caller's postal address inclusive of street number and caller's user ID to the receiving user;

connecting said cellular Receiver device to said RF+IF device;

connecting said RF+IF device to baseband processor; and

connecting said baseband processor to said display device and to said signal hybrid processor;

connecting said signal hybrid processor to said ROM device and to said function manager;

connecting said function manager to said External I/O interface; and

further comprising the steps of using the network memory to verify

time and location data (coordinates, time, and ID) and the identity of the cellular user for use as an ID and/or for use as a substitute credit card.

14. (New) A hybrid system as defined in claim 8, in which the network memory verifies time and location data (coordinates, time, and ID) on the network and the identity of the cellular user to provide a substitute ID card system and/or credit card for the cellular user.

Abstract:

The purpose of the invention is to maximize and to optimize an intelligent and multipurpose functions for network by using a hybrid method, supplementing a re-transmitting ~~re-transmission~~ function, of improved bidirectional GPS(Global Positioning System) with the existing Cellular/PCS(Personal Communications Services).

The invention, a hybrid method of combining Cellular/PCS and improved bidirectional GPS, manipulates as follows; GPS signals can be used independently, received from a Receiver 1 ~~Receiver(1)~~ through a GPS 2 ~~GPS(2)~~ by using data stored on ROM 4 ~~EEPROM(Electrically Erasable Programmable Read Only Memory)~~ via a Signal Hybrid Processor 3 ~~(3)~~; an External I/O Interface 17 ~~(8)~~ can retransmit time marked, status and operations and Function Manager 5 ~~(5)~~ can also re-transmit various states of the PCS (Event Marking) as well as coordinate signals connected to Cellular/PCS network; Coordinates of User(a) are transferred Transmitter 16 ~~(1)~~ and Antenna 8 ~~(A)~~ and can call to User(b) 106 ~~User(2)~~ simultaneously. ~~;~~ In this case, coordinates of User(a) are converted to ASCII codes in DB(Data Base) of station, and display into User(b) 106 ~~User(2)~~ with Use(a) ID(Identification) and real locations like address(street name and so on), such a way that shows as following, Receiver 9 ~~(B)~~ → RF (Radio Frequency)/IF(Intermediate Frequency) 10 ~~(C)~~ → Baseband Processor 11 ~~(D)~~ → Display Device 7 ~~(7)~~. This Hybrid Method implements a data base from acquired data on network for various ~~intelligent~~ functions.